



Products for Cashless  
Ticketing & Payment

## ARC1810<sup>OEM</sup> Developer's Kit

Embedded technology for contactless ticketing and payment solutions

ARC1810<sup>OEM</sup> is a high performance contactless smart card controller board that is designed to operate together with different cashless ticketing and payment applications. The ARC1810<sup>OEM</sup> software development kit provides the tools, documentation and code samples needed to quickly set up your development environment and create customized contactless smart card applications compliant to ISO/IEC 14443 A/B. ARC1810<sup>OEM</sup> is designed to be used in different cashless ticketing and payment devices, such as validators, turnstile gates, driver consoles, add value machines and ticket vending machines.



### SDK (Software Development Kit)

- Getting Started Guide
- Tools for developing your own application with Linux 2.6.28 and Freescale CPU
- Example source code in C++ and C++ API for handling contactless cards and SAMs
- Documentation

### HDK (Hardware Development Kit)

- 1 x ARC1810 Controller Board incl. connecting cable
- 1 x External Antenna
- 2 x MIFARE UltraLight™ C sample cards
- 2 x MIFARE Classic™ 4K sample cards
- 2 x MIFARE DESFire EV1 4K sample cards
- 2 x MIFARE Plus 4K - 7BUID sample cards
- Documentation (electrical and mechanical)

